

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC P.O. Box 19928 🎗 lexandria, Virginia 22320 **P**elephone: (703) 836-6400

Attorney Docket No.: 116916

Date: August 21, 2003

Facsimile: (703) 836-2787

Customer Number: 25944

MAIL STOP PATENT APPLICATION

NONPROVISIONAL APPLICATION TRANSMITTAL **RULE §1.53(b)**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

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Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title):

SUBSTRATE FOR ELECTRONIC DEVICES, MANUFACTURING METHOD

THEREFOR, AND ELECTRONIC DEVICE

By (Inventors):

Takamitsu HIGUCHI, Setsuya IWASHITA, Hiromu MIYAZAWA

\boxtimes	Formal drawings (Figs. 1-14; 11 sheets) are attached.
П	Use Figure 1 for front page of Publication. A Declaration and Power of Attorney is filed herewith.
\Box	This application claims benefit of Provisional Application No filed
	(A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.)
\boxtimes	This patent application is assigned to SEIKO EPSON CORPORATION.
	The executed Assignment is filed herewith.
\boxtimes	An Information Disclosure Statement is filed herewith.
	Entitlement to small entity status is hereby asserted.
\boxtimes	A Preliminary Amendment is filed herewith.
	Priority of foreign applications No. 2002-259960 filed September 2, 2002 in Japan and No. 2003-194243 filed July 9,
	2003 in Japan are claimed (35 U.S.C. §119).
	A certified copy of the above corresponding foreign application(s) is filed herewith.
	This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that
_	the invention disclosed in this application has not been and will not be the subject of an application filed in another
	another discrete in this application has not been and will not be the subject of an application fried in another

country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED ABOVE

The filing fee is calculated below:

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	23 - 20	= 3*
INDEP CLAIMS $2 - 3 = 0*$		
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED		

<u>OR</u> <u>OR</u> <u>OR</u> <u>OR</u> OR

OR

SWIALL ENTITY		
RATE	FEE	
	\$ 375	
x 9=	\$	
x 42 =	\$	
+ 140 =	\$	
TOTAL	\$	
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OTHER THAN A **SMALL ENTITY**

RATE	FEE
	\$ 750
x 18	\$ 54
x 84	\$
+ 280	\$
TOTAL	\$ 804

Check No. 145466 in the amount of \$804.00 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

gistration No.

Joel S. Armstrong Registration No. 36,430

^{*} If the difference is less than zero, enter "0".

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC Attorney Docket No.: 116916 P.O. Box 19928 Alexandria, Virginia 22320 Date: _August 21, 2003 Telephone: (703) 836-6400 Facsimile: (703) 836-2787 MAIL STOP PATENT APPLICATION Customer Number: 25944 NONPROVISIONAL APPLICATION TRANSMITTAL **RULE §1.53(b)** Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir: Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application For (Title): SUBSTRATE FOR ELECTRONIC DEVICES, MANUFACTURING METHOD THEREFOR, AND ELECTRONIC DEVICE Takamitsu HIGUCHI, Setsuya IWASHITA, Hiromu MIYAZAWA By (Inventors): \boxtimes Formal drawings (Figs. 1-14; 11 sheets) are attached. Use Figure 1 for front page of Publication. A Declaration and Power of Attorney is filed herewith. This application claims benefit of Provisional Application No. _ __ filed (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.) This patent application is assigned to SEIKO EPSON CORPORATION. The executed Assignment is filed herewith. An Information Disclosure Statement is filed herewith. Entitlement to small entity status is hereby asserted. A Preliminary Amendment is filed herewith. Priority of foreign applications No. 2002-259960 filed September 2, 2002 in Japan and No. 2003-194243 filed July 9, 2003 in Japan are claimed (35 U.S.C. §119). A certified copy of the above corresponding foreign application(s) is filed herewith.

This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing. \boxtimes The filing fee is calculated below:

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Respectfully submitted,

James A. Oliff Registration No. 27,075

Joel S. Armstrong Registration No. 36,430

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OLIFF & BERRIDGE, PI P.O. Box 19928 Alexandria, Virginia 7 Telephone: (703) 836- Facsimile: (703) 836-2	22320 Date: August 21, 2003
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